

# STOCKHOLM **BRAIN** INSTITUTE

## **Stockholm Brain Institute Lecture**

@ Nobel Forum, Karolinska Institutet, Solna, February 26, 14.00

# **Autism and human higher cognition: moving from genetics and genomics to neurobiological mechanisms**



## **Professor Daniel Geschwind**

Dr. Daniel Geschwind holds the Gordon and Virginia MacDonald Distinguished Chair in Human Genetics and is a professor of Neurology and Psychiatry at the UCLA School of Medicine. He is director of the Neurogenetics Program and the Center for Autism Research and Treatment (CART) and co-director of the Center for Neurobehavioral Genetics.

Abstract of the lecture: Autism spectrum disorder (ASD) is a complex brain disorder that strikes in early childhood, disrupting a child's ability to communicate and develop social relationships, and often accompanied by acute behavioral challenges. In this lecture I will discuss our multidisciplinary approach, combining study of genetics, genomics, network analysis of transcriptional regulation with studies of human brain function to gain insight into how specific aspects of human cognition are disrupted in autism. The lecture will discuss how genes may influence language and be involved in ASD and human brain evolution.

Host: Ivanka Savic Berglund

**Wine and snacks will be served after the lecture**

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